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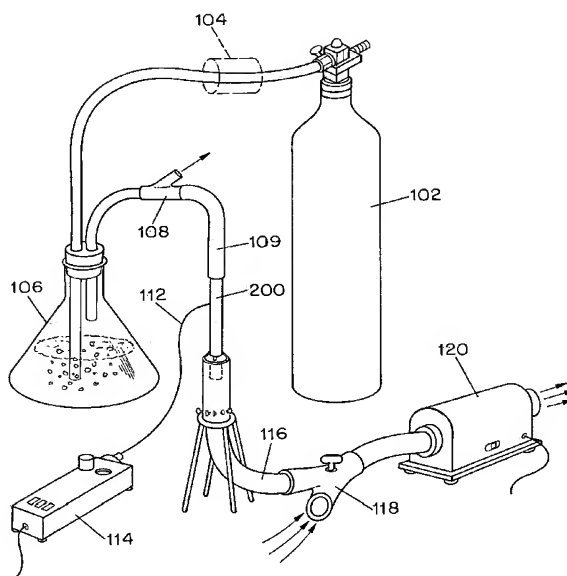
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(54) Title: CONTROL OF LIQUID DROPLET STREAM WITH FLOW NEBULIZER



(57) Abstract: A controlled stream of droplets, including liquid droplets contained within an atomized or nebulized stream, are directed toward or onto a target. The target may be a measuring instrument, a gas or mixture of gases, or a solid, liquid, or slush surface. A particularly promising application of this invention is the generation and control of a high speed stream of small liquid droplets directed against a cryogenic surface resulting in very rapid freezing of the droplets. This rapid droplet freezing device would have numerous commercial, industrial, and research applications.



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